

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	US-4945050-\$.DID.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L2	63783	(biolistic\$ or particle\$ or bioparticle\$ or microparticle\$ or accelerat\$ or ballistic\$) same (transfect\$ or transform or transforms or transforming or transformed or infect\$ or genetic\$ or recombina\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L3	293045	(electric\$ or ioniz\$) adj4 (field\$ or charg\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L4	1440	((biolistic\$ or particle\$ or bioparticle\$ or microparticle\$ or accelerat\$ or ballistic\$) same (transfect\$ or transform or transforms or transforming or transformed or infect\$ or genetic\$ or recombina\$)) same ((electric\$ or ioniz\$) adj4 (field\$ or charg\$))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L5	147909	"435".clas.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L6	174	((((biolistic\$ or particle\$ or bioparticle\$ or microparticle\$ or accelerat\$ or ballistic\$) same (transfect\$ or transform or transforms or transforming or transformed or infect\$ or genetic\$ or recombina\$)) same ((electric\$ or ioniz\$) adj4 (field\$ or charg\$)))) and "435".clas.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:06
L7	455351	spray or sprays or spraying or sprayer or sprayed	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L8	293045	(electric\$ or ioniz\$) adj4 (field\$ or charg\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L9	4750	(spray or sprays or spraying or sprayer or sprayed) same ((electric\$ or ioniz\$) adj4 (field\$ or charg\$))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L10	2312	(spray or sprays or spraying or sprayer or sprayed) with ((electric\$ or ioniz\$) adj4 (field\$ or charg\$))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L11	844132	particle\$ or particulate\$ or micropartic\$	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L12	1682	((spray or sprays or spraying or sprayer or sprayed) same ((electric\$ or ioniz\$) adj4 (field\$ or charg\$))) same (particle\$ or particulate\$ or micropartic\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00

## EAST Search History

L13	626	((spray or sprays or spraying or sprayer or sprayed) with ((electric\$ or ioniz\$) adj4 (field\$ or charg\$))) with (particle\$ or particulate\$ or micropartic\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L14	261364	electric\$ adj2 (field\$ or charge\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L15	4286	(spray or sprays or spraying or sprayer or sprayed) same (electric\$ adj2 (field\$ or charge\$))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L16	2099	(spray or sprays or spraying or sprayer or sprayed) with (electric\$ adj2 (field\$ or charge\$))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L17	558	((spray or sprays or spraying or sprayer or sprayed) with (electric\$ adj2 (field\$ or charge\$))) with (particle\$ or particulate\$ or micropartic\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L18	1074867	coat or coats or coating or coated	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L19	182	((((spray or sprays or spraying or sprayer or sprayed) with (electric\$ adj2 (field\$ or charge\$))) with (particle\$ or particulate\$ or micropartic\$)) with (coat or coats or coating or coated)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L20	271222	nonuniform or assymetric\$ or nonlinear or non-linear or non-uniform	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L21	5	(((((spray or sprays or spraying or sprayer or sprayed) with (electric\$ adj2 (field\$ or charge\$))) with (particle\$ or particulate\$ or micropartic\$)) with (coat or coats or coating or coated)) with (nonuniform or assymetric\$ or nonlinear or non-linear or non-uniform)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L22	1	"6399362".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L23	1	"5961868".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L24	396	pui.in.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L25	1	"6093557".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L26	1	US-6521419-\$.DID.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00

## EAST Search History

L27	8	(((((spray or sprays or spraying or sprayer or sprayed) with (electric\$ adj2 (field\$ or charge\$))) with (particle\$ or particulate\$ or micropartic\$)) with (coat or coats or coating or coated)) with (nonuniform or assymetric\$ or nonlinear or non-linear or non-uniform or space or spatial\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L28	59691	"239".clas.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L29	50827	"118".clas.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L30	108564	"239".clas. or "118".clas.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L31	4286	(spray or sprays or spraying or sprayer or sprayed) same (electric\$ adj2 (field\$ or charge\$))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L32	859	("239".clas. or "118".clas.) and ((spray or sprays or spraying or sprayer or sprayed) same (electric\$ adj2 (field\$ or charge\$)))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L33	844132	particle\$ or particulate\$ or micropartic\$	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L34	681	((("239".clas. or "118".clas.) and ((spray or sprays or spraying or sprayer or sprayed) same (electric\$ adj2 (field\$ or charge\$)))) and (particle\$ or particulate\$ or micropartic\$)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L35	271222	nonuniform or assymetric\$ or nonlinear or non-linear or non-uniform	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L36	72	((("239".clas. or "118".clas.) and ((spray or sprays or spraying or sprayer or sprayed) same (electric\$ adj2 (field\$ or charge\$)))) and (particle\$ or particulate\$ or micropartic\$) and (nonuniform or assymetric\$ or nonlinear or non-linear or non-uniform)	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L37	1117478	coat\$	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00

## EAST Search History

L38	72	((("239".clas. or "118".clas.) and ((spray or sprays or spraying or sprayer or sprayed) same (electric\$ adj2 (field\$ or charge\$)))) and (particle\$ or particulate\$ or micropartic\$) and (nonuniform or assymetric\$ or nonlinear or non-linear or non-uniform))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L39	68	coat\$ and (((("239".clas. or "118".clas. ) and ((spray or sprays or spraying or sprayer or sprayed) same (electric\$ adj2 (field\$ or charge\$)))) and (particle\$ or particulate\$ or micropartic\$) and (nonuniform or assymetric\$ or nonlinear or non-linear or non-uniform))	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L40	1	"4002777".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L41	1	coat\$ and "4002777".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:00
L42	1	"6746869".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/24 10:06